

Parafluvial Surfaces- “The near channel portion of the floodplain that is regularly inundated above base flow and is frequently scoured by the regular gravel and cobble-bed movement of the substratum.” (Hauer, Lorang, Whited and Matson (2004))

Photo Credits: Scott King, DHI

Importance of Parafluvial Surfaces

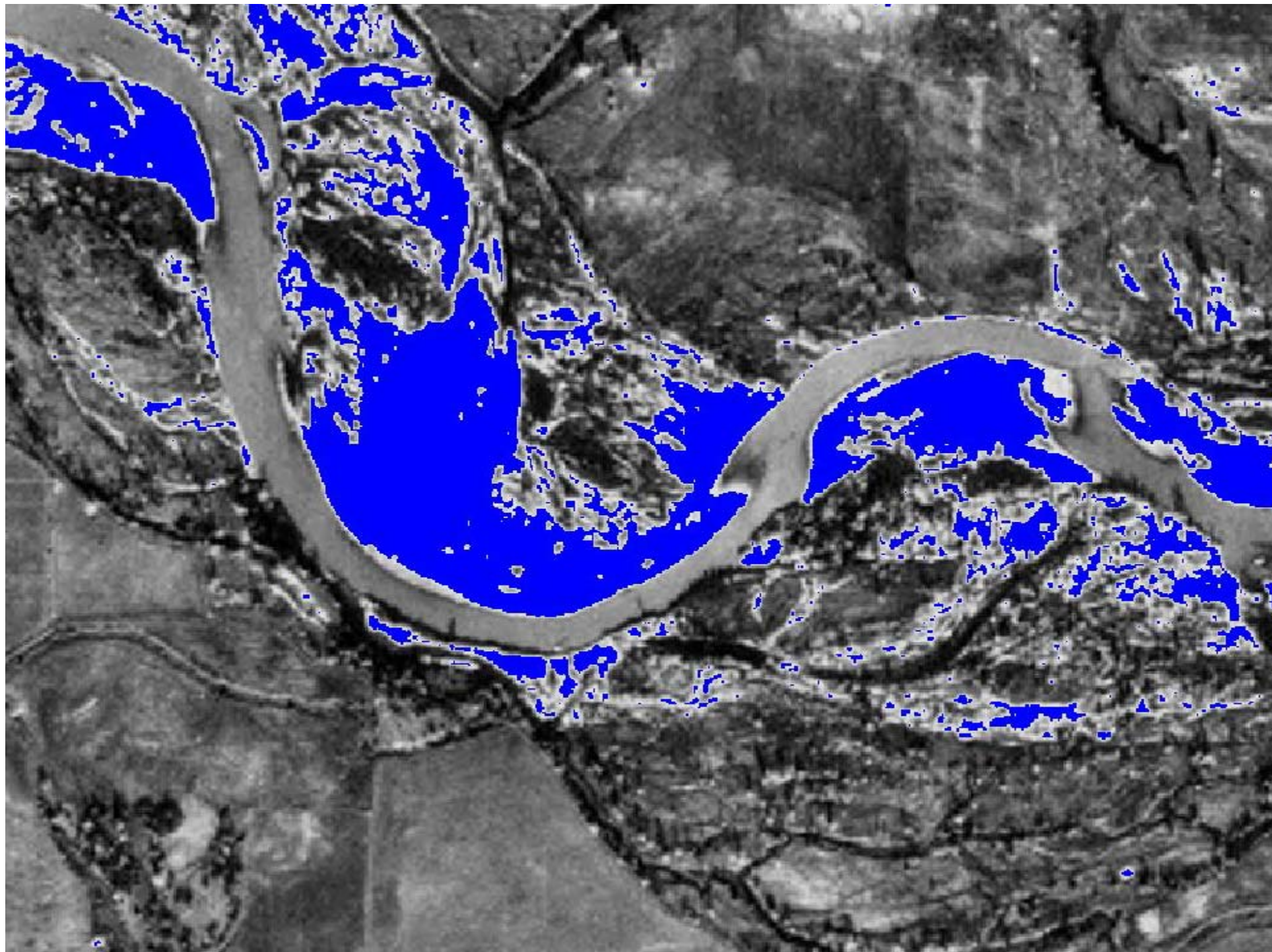
May contain high value aquatic and terrestrial habitats

Vital for the regeneration of cottonwood and willow species

**Part of the shifting habitat mosaic necessary for
maintaining high quality habitats**

Important interface for surface and ground water interactions





Limitations of the Analysis

Photo interpretation from 1939 and 2000, assumes the conditions in 1939 are more desirable than conditions in 2000

No rigorous sampling techniques to pick sample locations, sites were selected based upon photo qualities

The analysis was done only to demonstrate magnitude of changes in parafluvial surfaces

